

ABSTRACT

~~For the or each~~ In a moving turbine wheel of the turbine, blade inserts are used ~~each~~
~~comprising with~~ at least two blades interconnected by common outer and inner platforms and
sharing a common root. ~~Inserts are used having~~ The blade inserts have hollow roots in which
respective recesses are formed, and the insert roots ~~of inserts~~ belonging to the same wheel
and/or ~~the roots of inserts belonging to~~ two different wheels are voluntarily given different
configurations ~~in the inserts of the roots so as~~ in order to adjust the resonant frequencies of
~~said the~~ inserts to values that are significantly different, thereby ensuring that the inserts in
the same wheel and/or between two different wheels are out of tune. ~~The invention is~~
~~applicable to turbines both for aviation and for industrial applications.~~